Page 1 of 1 Serial No. Atty. Docket No. 034299-000610 10/519,012 U.S. Department of Commerce Patent and Trademark Office Applicant: Cyril Guedj et al. Information Disclosure Statement by Applicant Filed: December 21, 2004 Group: unknown (Use several sheets if necessary) 2878 U.S. Patent Documents Document No. Date Name Class Subclass Filing Date Init. ŌΓ A 5,682,037 10/28/97 de Cesare et al. OL 6,018,187 01/25/00 Theil et al. B QL 09/05/00 6,114,739 Theil et al. C **Foreign Documents** Translation Class Subclass Document No. Date Country Yes No Init. H01L 31 0 726 605 06.02.96 Europe 103 X QL D  $\overline{\mathbf{x}}$ 02.05.00 H01L 27 146 1 050 907 Europe OL E Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) Afanas'ev et al., "Photodetector structures based on amorphous hydrogenated silicon with nanocrystalline QL inclusions", December 2001, The Optical Society of America, J. Opt. Technol., Vol. 68, No. 12, pp 949-951. G Chatteriee et al.. "The origin of current gain under illumination in amorphous silicon n-i-p-i-n structures", February 15, 2000, Journal of Applied Physics, Vol. 87, No. 4, pp. 1874-1881. Meaudre et al., "Midgap density of states in hydrogenated polymorphous silicon", July 15, 1999, Journal of Н Applied Physics, Vol. 86, No. 2, pp. 946-950. Morral, et al. "In situ investigation of polymorphous silicon deposition", 2000, Journal of Non-Crystalline I Solids 266-269, pp. 48-53. Morral et al., "Structure of plasma-deposited polymorphous silicon", 2002, Journal of Non-Crystalline Solids J 299-302, pp. 284-289. Poissant et al., "Metastability study and optimization of polymorphous silicon solar cells: the state-of-theart", 2002, Journal of Non-Crystalline Solids 299-302, pp. 1173-1178. Razeghi et al., "Semiconductor ultraviolet detectors", May 15, 1996, J. Appl. Phys., Vol. 79, No. 10, pp L 7433. Topic et al., "Adjustable ultraviolet-sensitive detectors based on amorphous silicon", April 16, 2001, Applied M Physics Letters, Vol. 78, No. 16, pp. 2387-2389 Voz et al., "Thin-Film transistors with polymorphous silicon active layer", 2002, Journal of Non-Crystalline

/Que Tan Le/ 10/24/2006 Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

Date Considered

Solids 299-302, pp. 1345-1350.

OL

Examiner